

Volk, Everett

From: Hamilton.Karen@epamail.epa.gov
Sent: Monday, March 21, 2011 9:30 AM
Subject: Fw: USGS energy-related water-resources work in CO

----- Forwarded by Karen Hamilton/R8/USEPA/US on 03/21/2011 09:29 AM -----

From: Jim Martin/R8/USEPA/US
To: Carol Campbell/R8/USEPA/US@EPA, Martin Hestmark/R8/USEPA/US@EPA, Bert Garcia/R8/USEPA/US@EPA, Ayn Schmit/R8/USEPA/US@EPA, Kate Fay/R8/USEPA/US@EPA, Karen Hamilton/R8/USEPA/US@EPA, Nat Miullo/R8/USEPA/US@EPA, Patti Tyler/R8/USEPA/US@EPA, Darcy Oconnor/R8/USEPA/US@EPA
Date: 03/21/2011 09:27 AM
Subject: Fw: USGS energy-related water-resources work in CO

Just FYI

James Martin
Regional Administrator
Region 8
U.S. Environmental Protection Agency

----- Forwarded by Jim Martin/R8/USEPA/US on 03/21/2011 09:26 AM -----

From: Suzanne Paschke <spaschke@usgs.gov>
To: Jim Martin/R8/USEPA/US@EPA
Cc: James E Kircher <jkircher@usgs.gov>, David S Brown <dsbrown@usgs.gov>
Date: 03/21/2011 09:14 AM
Subject: USGS energy-related water-resources work in CO

Hi Jim,

Thanks for taking the time to meet with Jim Kircher and I on Friday. You expressed interest in the effects of energy development on water resources in Colorado, so I have included a list of recent the U.S. Geological Survey Colorado Water Science Center publications. We also have ongoing program with the Bureau of Land Management as well as local, and State entities compiling water-quality data and evaluating the effects of energy development on water resources in the Piceance basin of western Colorado (<http://rmgsc.cr.usgs.gov/cwqdr/Piceance/index.shtml>).

Energy-related recent publications:

Use of Diverse Geochemical Data Sets to Determine Sources and Sinks of Nitrate and Methane in Groundwater, Garfield County, Colorado, 2009: U.S. Geological Survey Scientific Investigations Report 2010–5215, 40 p.
By Peter B. McMahon, J.C. Thomas, and A.G. Hunt, 2011

<http://pubs.usgs.gov/sir/2010/5215/>

Hydrostratigraphic Framework of the Raton, Vermejo, and Trinidad Aquifers in the Raton Basin, Las Animas County, Colorado: U.S. Geological Survey Scientific Investigations Report 2006–5129, 31 p.

By Kenneth R. Watts, 2006

<http://pubs.usgs.gov/sir/2006/5129/>

A Preliminary Evaluation of Vertical Separation between Production Intervals of Coalbed-Methane Wells and

Water-Supply Wells in the Raton Basin, Huerfano and Las Animas Counties, Colorado, 1999–2004: U.S.
Geological Survey Scientific Investigations Report 2006-5109, 9 p.
By Kenneth R. Watts, 2006

<http://pubs.usgs.gov/sir/2006/5109/>

Please feel free to call or send email if you have questions or need additional information.

Regards,
Suzanne

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